Rutland
Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
Bladder, Urinary				Melanoma of Skir	<u>1</u>		
Male	2.80	2	NC*	Male	1.98	3	NC*
Female	1.03	3	NC*	Female	1.48	0	NC*
Total	3.82	5	131	Total	3.45	3	NC*
Brain and Other Cen	<u>ntral Nervous S</u>	<u>ystem</u>		Multiple Myeloma			
Male	1.07	2	NC*	Male	0.55	0	NC*
Female	0.77	1	NC*	Female	0.47	0	NC*
Total	1.85	3	NC*	Total	1.01	0	NC*
<u>Breast</u>				Non-Hodgkin's Ly	<u>ymphoma</u>		
Male	0.19	0	NC*	Male	2.47	2	NC*
Female	18.16	24	132	Female	1.97	4	NC*
Total	18.35	24	131	Total	4.45	6	135
Cervix Uteri				Oral Cavity and Pl	<u>harynx</u>		
				Male	2.07	0	NC*
Female	1.19	1	NC*	Female	0.87	1	NC*
				Total	2.94	1	NC*
Colon / Rectum				<u>Ovary</u>			
Male	7.03	6	85	-			
Female	6.42	7	109	Female	2.16	3	NC*
Total	13.45	13	97				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	1.09	3	NC*	Male	1.15	0	NC*
Female	0.33	0	NC*	Female	1.10	1	NC*
Total	1.42	3	NC*	Total	2.25	1	NC*
Hodgkin's Disease				<u>Prostate</u>			
Male	0.55	0	NC*	Male	17.21	12	70
Female	0.41	0	NC*				
Total	0.96	0	NC*				
Kidney and Renal Pe				<u>Stomach</u>			
Male	1.80	1	NC*	Male	1.22	1	NC*
Female	1.00	2	NC*	Female	0.71	1	NC*
Total	2.80	3	NC*	Total	1.92	2	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	1.04	0	NC*	Male	0.84	0	NC*
Female	0.25	0	NC*			-	
Total	1.29	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	1.36	1	NC*	Male	0.44	0	NC*
Female	1.01	1	NC*	Female	1.10	0	NC*
Total	2.37	2	NC*	Total	1.53	0	NC*
Liver and Intrahepat		_		Uteri, Corpus and		v	
Male	0.65	1	NC*	<u> </u>			
Female	0.24	0	NC*	Female	3.42	2	NC*
Total	0.89	1	NC*	Tomaio	3.12	_	.•0
Lung and Bronchus		•		All Sites / Types			
Male	9.17	4	NC*	Male	58.76	40	68 #-
Female	6.69	1	NC*	Female	54.70	54	99
Total	15.86	5	32 ~-	Total	113.46	94	83
i Otai	10.00	J	0Z	i Otai	110.70	7.7	0.0

**Obs** = observed case count

- \* = SIR and statistical significance not calculated when **Obs** < 5
- + indicates number of observed cases is statistically significantly higher than the expected number of cases
- indicates number of observed cases is statistically significantly lower than the expected number of cases
- # indicates statistical significance at the p<0.05 level
- $\sim$  indicates statistical significance at the p<0.01 level, as well as at the p<0.05 level
- ^ indicates statistical significance at the  $p \le 0.001$  level, as well as at the  $p \le 0.01$  and  $p \le 0.05$  levels

**Salem**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	SIR		<u>Exp</u>	<u>Obs</u>	SIR
Bladder, Urinary				Melanoma of Skin	<u>l</u>		
Male	23.44	32	137	Male	14.61	11	75
Female	10.75	3	NC*	Female	12.96	14	108
Total	34.20	35	102	Total	27.57	25	91
Brain and Other C	Central Nervous S	<u>System</u>		Multiple Myeloma			
Male	7.61	7	92	Male	4.34	1	NC*
Female	6.81	6	88	Female	4.59	5	109
Total	14.42	13	90	Total	8.93	6	67
<u>Breast</u>				Non-Hodgkin's Ly	<u>/mphoma</u>		
Male	1.47	1	NC*	Male	18.76	22	117
Female	160.30	168	105	Female	19.41	18	93
Total	161.77	169	104	Total	38.17	40	105
Cervix Uteri				Oral Cavity and Pl	<u>harynx</u>		
				Male	14.47	26	180 ~+
Female	9.98	10	100	Female	8.01	16	200 #+
				Total	22.49	42	187 ^+
Colon / Rectum				<u>Ovary</u>			
Male	58.64	58	99				
Female	67.86	72	106	Female	18.89	32	169 ~+
Total	126.50	130	103				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	8.17	16	196 #+	Male	9.07	11	121
Female	3.49	7	200	Female	11.64	12	103
Total	11.67	23	197 ~+	Total	20.71	23	111
Hodgkin's Diseas	<u>se</u>			<u>Prostate</u>			
Male	3.96	7	177	Male	136.10	180	132 ^+
Female	3.52	6	170				
Total	7.48	13	174				
Kidney and Renal	l Pelvis			<u>Stomach</u>			
Male	13.20	15	114	Male	9.88	8	81
Female	9.54	12	126	Female	7.37	6	81
Total	22.73	27	119	Total	17.25	14	81
<u>Larynx</u>				<u>Testis</u>			
Male	7.45	5	67	 Male	6.34	7	110
Female	2.26	3	NC*				
Total	9.71	8	82				
<u>Leukemia</u>				<u>Thyroid</u>			

Male	10.19	12	118	Male	3.04	4	NC*
Female	9.19	12	131	Female	9.11	7	77
Tota	I 19.38	24	124	Total	12.15	11	91
<u>Liver and Intrahepatic Bile Ducts</u>				Uteri, Corpus	and Uterus, NO	<u>s</u>	
Male	4.86	6	123				
Female	2.43	0	NC*	Female	30.24	38	126
Tota	7.30	6	82				
Lung and Bro	<u>nchus</u>			All Sites / Type	<u>es</u>		
Male	72.89	87	119	Male	460.94	551	120 ^+
Female	65.72	96	146 ^+	- Female	512.76	583	114 ~+
Tota	l 138.61	183	132 ^+	- Total	973.70	1134	116 ^+

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- # indicates statistical significance at the  $p \le 0.05$  level
- ~ indicates statistical significance at the  $p \le 0.01$  level, as well as at the  $p \le 0.05$  level

**Salisbury**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	SIR		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
Bladder, Urinary				Melanoma of Skin			
Male	4.25	3	NC*	Male	2.79	5	179
Female	1.54	0	NC*	Female	2.08	3	NC*
Total	5.79	3	NC*	Total	4.86	8	164
Brain and Other Co	entral Nervous S	<u>System</u>		Multiple Myeloma			
Male	1.47	1	NC*	Male	0.82	1	NC*
Female	1.11	1	NC*	Female	0.70	1	NC*
Total	2.58	2	NC*	Total	1.52	2	NC*
<u>Breast</u>				Non-Hodgkin's Lyi	mphoma		
Male	0.28	1	NC*	Male	3.49	3	NC*
Female	26.50	25	94	Female	2.93	5	170
Total	26.78	26	97	Total	6.42	8	125
Cervix Uteri				Oral Cavity and Ph	<u>arynx</u>		
				Male	2.92	5	171
Female	1.64	3	NC*	Female	1.28	2	NC*
				Total	4.20	7	167
Colon / Rectum				<u>Ovary</u>			
Male	10.72	14	131				
Female	9.60	13	135	Female	3.13	1	NC*
Total	20.32	27	133				
<b>Esophagus</b>				<u>Pancreas</u>			
Male	1.61	4	NC*	Male	1.71	0	NC*
Female	0.49	0	NC*	Female	1.68	4	NC*
Total	2.10	4	NC*	Total	3.39	4	NC*
Hodgkin's Disease	<u>)</u>			<u>Prostate</u>			
Male	0.69	2	NC*	Male	26.38	24	91

<sup>^</sup> indicates statistical significance at the  $p \le 0.001$  level, as well as at the  $p \le 0.01$  and  $p \le 0.05$  levels

Female	0.55	0	NC*				
Total	1.24	2	NC*				
Kidney and Renal Po	<u>elvis</u>			<b>Stomach</b>			
Male	2.59	2	NC*	Male	1.81	0	NC*
Female	1.52	4	NC*	Female	1.03	1	NC*
Total	4.11	6	146	Total	2.84	1	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	1.50	2	NC*	Male	1.04	4	NC*
Female	0.39	0	NC*				
Total	1.89	2	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	1.91	0	NC*	Male	0.58	1	NC*
Female	1.43	1	NC*	Female	1.48	2	NC*
Total	3.34	1	NC*	Total	2.05	3	NC*
Liver and Intrahepat	tic Bile Ducts			Uteri, Corpus and Uterus, NOS			
Male	0.95	0	NC*				
Female	0.36	0	NC*	Female	5.09	9	177
Total	1.31	0	NC*				
<b>Lung and Bronchus</b>	<u>i</u>			All Sites / Types			
Male	13.93	20	144	Male	87.36	100	114
Female	10.46	16	153	Female	80.66	95	118
Total	24.39	36	148 #+	Total	168.03	195	116 #+

**Obs** = observed case count

- \* = **SIR** and statistical significance not calculated when **Obs** < 5
- + indicates number of observed cases is statistically significantly higher than the expected number of cases
- indicates number of observed cases is statistically significantly lower than the expected number of cases
- # indicates statistical significance at the  $p \le 0.05$  level
- ~ indicates statistical significance at the  $p \le 0.01$  level, as well as at the  $p \le 0.05$  level
- ^ indicates statistical significance at the  $p \le 0.001$  level, as well as at the  $p \le 0.01$  and  $p \le 0.05$  levels

**Sandisfield**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
Bladder, Urinary				Melanoma of Skin			
Male	0.77	1	NC*	Male	0.44	0	NC*
Female	0.18	0	NC*	Female	0.21	0	NC*
Total	0.95	1	NC*	Total	0.65	0	NC*
Brain and Other Cent	tral Nervous S	<u>ystem</u>		Multiple Myeloma			
Male	0.22	0	NC*	Male	0.14	0	NC*
Female	0.12	1	NC*	Female	0.08	1	NC*
Total	0.34	1	NC*	Total	0.22	1	NC*
<u>Breast</u>				Non-Hodgkin's Lyn	<u>nphoma</u>		
Male	0.05	0	NC*	Male	0.55	1	NC*
Female	2.88	3	NC*	Female	0.33	0	NC*
Total	2.93	3	NC*	Total	0.88	1	NC*
Cervix Uteri				Oral Cavity and Pha	<u>arynx</u>		
				Male	0.47	0	NC*
Female	0.16	0	NC*	Female	0.14	1	NC*

				Total	0.61	1	NC*	
Colon / Rectum				<u>Ovary</u>				
Male	1.96	0	NC*					
Female	1.13	0	NC*	Female	0.34	1	NC*	
Total	3.09	0	NC*					
<u>Esophagus</u>				<u>Pancreas</u>				
Male	0.29	2	NC*	Male	0.31	0	NC*	
Female	0.06	0	NC*	Female	0.20	0	NC*	
Total	0.35	2	NC*	Total	0.51	0	NC*	
Hodgkin's Diseas	<u>se</u>			<u>Prostate</u>				
Male	0.08	0	NC*	Male	5.09	1	NC*	
Female	0.05	0	NC*					
Total	0.13	0	NC*					
Kidney and Rena	<u>l Pelvis</u>			<b>Stomach</b>				
Male	0.43	0	NC*	Male	0.32	0	NC*	
Female	0.18	0	NC*	Female	0.12	0	NC*	
Total	0.61	0	NC*	Total	0.44	0	NC*	
<u>Larynx</u>				<u>Testis</u>				
Male	0.26	0	NC*	Male	0.11	0	NC*	
Female	0.05	0	NC*					
Total	0.31	0	NC*					
<u>Leukemia</u>				<u>Thyroid</u>				
Male	0.30	0	NC*	Male	0.08	0	NC*	
Female	0.15	0	NC*	Female	0.14	0	NC*	
Total	0.45	0	NC*	Total	0.22	0	NC*	
Liver and Intrahe	patic Bile Ducts			Uteri, Corpus and Uterus, NOS				
Male	0.16	0	NC*					
Female	0.04	0	NC*	Female	0.57	1	NC*	
Total	0.21	0	NC*					
<b>Lung and Bronch</b>	<u>ius</u>			All Sites / Types				
Male	2.57	1	NC*	Male	15.56	6	39 #-	
Female	1.25	0	NC*	Female	9.02	9	100	
Total	3.82	1	NC*	Total	24.58	15	61	

**Obs** = observed case count

SIR = standardized incidence ratio [ Obs / Exp ) X 100 ]

- $^{\star}$  = SIR and statistical significance not calculated when Obs < 5
- + indicates number of observed cases is statistically significantly higher than the expected number of cases
- indicates number of observed cases is statistically significantly lower than the expected number of cases
- # indicates statistical significance at the  $p \le 0.05$  level
- $\sim$  indicates statistical significance at the **p** $\leq$ 0.01 level, as well as at the **p** $\leq$ 0.05 level

## **Sandwich**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
Bladder, Urinary				Melanoma of S	<u>kin</u>		
Male	13.65	19	139	Male	8.05	10	124
Female	4.81	7	146	Female	5.76	7	122
Total	18.46	26	141	Total	13.80	17	123

<sup>^</sup> indicates statistical significance at the  $p \le 0.001$  level, as well as at the  $p \le 0.01$  and  $p \le 0.05$  levels

Male Female         4.10         2         NC* More Female         2.54         1         NC* NC* Female         2.14         1         NC* NC* NC* Female         2.14         1         NC* NC* NC* Female         2.14         1         NC* NC* NC* NC* Non-Hodgkin's Lymphoma         2         NC* NC* Non-Hodgkin's Lymphoma
Total         7.23         6         83         Total         4.68         2         NC*           Breast         Non-Hodgkin's Lymptoms           Male         0.86         0         NC*         Male         10.21         8         78           Female         75.47         89         118         Female         8.75         8         91           Total         76.33         89         117         Total         18.96         16         84           Cervix Uteri         Male         8.35         6         72
Breast         Non-Hodgkin's Lymboma           Male         0.86         0         NC*         Male         10.21         8         78           Female         75.47         89         118         Female         8.75         8         91           Total         76.33         89         117         Total         18.96         16         84           Cervix Uteri         Dread Payery           Female         4.29         5         117         Female         8.35         6         72           Female         4.29         5         117         Female         3.74         4         NC*           Male         34.06         31         91         12.09         10         83           Female         30.20         26         86         Female         8.80         7         80           Total         64.27         57         89         8         7         80           Female         4.83         5         103         Male         5.31         2         NC*           Female         1.55         4         NC*         Female         5.23         5         96 <t< td=""></t<>
Male         0.86         0         NC*         Male         10.21         8         78           Female         75.47         89         118         Female         8.75         8         91           Total         76.33         89         117         Total         18.96         16         84           Cervix Uteri         Male         8.35         6         72           Female         4.29         5         117         Female         3.74         4         NC*           Female         4.29         5         117         Female         3.74         4         NC*           Male         34.06         31         91         12.09         10         83           Female         30.20         26         86         Female         8.80         7         80           Total         64.27         57         89         8         5         10         Male         5.31         2         NC*           Female         1.55         4         NC*         Female         5.23         5         96           Total         6.39         9         141         Total         10.54
Male         0.86         0         NC*         Male         10.21         8         78           Female         75.47         89         118         Female         8.75         8         91           Total         76.33         89         117         Total         18.96         16         84           Cervix Uteri         Male         8.35         6         72           Female         4.29         5         117         Female         3.74         4         NC*           Female         4.29         5         117         Female         3.74         4         NC*           Male         34.06         31         91         12.09         10         83           Female         30.20         26         86         Female         8.80         7         80           Total         64.27         57         89         8         5         10         Male         5.31         2         NC*           Female         1.55         4         NC*         Female         5.23         5         96           Total         6.39         9         141         Total         10.54
Total         76.33         89         117         Total         18.96         16         84           Cervix Uteri         Dral Cavity and Phryman           Female         4.29         5         117         Female         3.74         4         NC*           Female         3.4.06         31         91         Total         12.09         7         80           Female         34.06         31         91         88.80         7         80           Female         30.20         26         86         Female         8.80         7         80           Total         64.27         57         89         Pancreas         7         80         80         80         7         80
Cervix Uteri         Oral Cavity and Pirrym.           Female         4.29         5         117         Female Total         3.74         4         NC*           Female         3.4.06         5         117         Female         3.74         4         NC*           Colon / Rectum         Description         Covary           Male         34.06         31         91         91         91         91         91         92         92         92         93         94         9
Cervix Uteri         Oral Cavity and Puryux           Female         4.29         5         117         Female Total         3.74         4         NC*           Female         3.4.04         3.1         91         Variable         8.80         7         80           Female         30.20         26         86         Female         8.80         7         80           Total         64.27         57         89         Pancreas         Variable         5.31         2         NC*           Female         1.55         4         NC*         Female         5.23         5         96           Total         6.39         9         141         Total         10.54         7         66           Hodgkin's Disease         Prostate           Male         1.76         0         NC*         Male         80.95         89         110           Female         1.40         0         NC*         Male         80.95         89         110           Female         1.40         0         NC*         Male         80.95         89         110           Female         1.40
Male
Total         12.09         10         83           Colon / Rectum         Ovary           Male         34.06         31         91         91         91         91         92         93         93         93         93         93         93         94<
Total         12.09         10         83           Colon / Rectum         Ovary           Male         34.06         31         91         91         91         91         92         93         93         93         93         93         93         94<
Colon / Rectum         Ovary           Male         34.06         31         91           Female         30.20         26         86         Female         8.80         7         80           Total         64.27         57         89         Pancreas           Male         4.83         5         103         Male         5.31         2         NC*           Female         1.55         4         NC*         Female         5.23         5         96           Total         6.39         9         141         Total         10.54         7         66           Hodgkin's Disease         Prostate           Male         1.76         0         NC*         Male         80.95         89         110           Female         1.40         0         NC*         Male         80.95         89         110           Female         1.40         0         NC*         Male         80.95         89         110
Female         30.20         26         86         Female         8.80         7         80           Total         64.27         57         89         Pancreas           Esophagus         Pancreas           Male         4.83         5         103         Male         5.31         2         NC*           Female         1.55         4         NC*         Female         5.23         5         96           Total         6.39         9         141         Total         10.54         7         66           Hodgkin's Disease         Prostate           Male         1.76         0         NC*         Male         80.95         89         110           Female         1.40         0         NC*         Male         80.95         89         110           Female         1.40         0         NC*
Total         64.27         57         89           Esophagus         Pancreas           Male         4.83         5         103         Male         5.31         2         NC*           Female         1.55         4         NC*         Female         5.23         5         96           Total         6.39         9         141         Total         10.54         7         66           Hodgkin's Disease         Prostate           Male         1.76         0         NC*         Male         80.95         89         110           Female         1.40         0         NC*         Male         80.95         89         110           Female         1.40         0         NC*
Esophagus         Pancreas           Male         4.83         5         103         Male         5.31         2         NC*           Female         1.55         4         NC*         Female         5.23         5         96           Total         6.39         9         141         Total         10.54         7         66           Hodgkin's Disease         Prostate           Male         1.76         0         NC*         Male         80.95         89         110           Female         1.40         0         NC*
Male         4.83         5         103         Male         5.31         2         NC*           Female         1.55         4         NC*         Female         5.23         5         96           Total         6.39         9         141         Total         10.54         7         66           Hodgkin's Disease         Prostate           Male         1.76         0         NC*         Male         80.95         89         110           Female         1.40         0         NC*         Incompany of the color o
Male         4.83         5         103         Male         5.31         2         NC*           Female         1.55         4         NC*         Female         5.23         5         96           Total         6.39         9         141         Total         10.54         7         66           Hodgkin's Disease         Prostate           Male         1.76         0         NC*         Male         80.95         89         110           Female         1.40         0         NC*         Incompany of the color o
Total         6.39         9         141         Total         10.54         7         66           Prostate           Male         1.76         0         NC*         Male         80.95         89         110           Female         1.40         0         NC*         Inches and the control of the co
Total         6.39         9         141         Total         10.54         7         66           Prostate           Male         1.76         0         NC*         Male         80.95         89         110           Female         1.40         0         NC*         Inches and the control of the co
Hodgkin's Disease           Male         1.76         0         NC*         Male         80.95         89         110           Female         1.40         0         NC*           Total         3.16         0         NC*
Male       1.76       0       NC*       Male       80.95       89       110         Female       1.40       0       NC*         Total       3.16       0       NC*
Female         1.40         0         NC*           Total         3.16         0         NC*
Total 3.16 0 NC*
Male 7.62 7 92 Male 5.72 7 122
Female 4.48 8 179 Female 3.23 2 NC*
Total 12.10 15 124 Total 8.95 9 101
<u>Larynx</u> <u>Testis</u>
Male 4.39 4 NC* Male 2.43 0 NC*
Female 1.12 1 NC*
Total 5.52 5 91
<u>Leukemia</u> <u>Thyroid</u>
Male 5.70 7 123 Male 1.49 2 NC*
Female 4.18 6 144 Female 3.77 8 212
Total 9.87 13 132 Total 5.26 10 190
<u>Liver and Intrahepatic Bile Ducts</u> <u>Uteri, Corpus and Uterus, NOS</u>
Male 2.81 1 NC*
Female 1.11 1 NC* Female 14.64 17 116
Total 3.92 2 NC*
Lung and Bronchus All Sites / Types
Male 42.76 31 73 Male 265.56 254 96
Female 31.27 34 109 Female 236.33 265 112
Total 74.03 65 88 Total 501.89 519 103

**Obs** = observed case count

<sup>\* =</sup> **SIR** and statistical significance not calculated when **Obs** < 5

<sup>+</sup> indicates number of observed cases is statistically significantly higher than the expected number of cases

<sup>-</sup> indicates number of observed cases is statistically significantly lower than the expected number of cases

<sup>#</sup> indicates statistical significance at the  $p \le 0.05$  level

- $\sim$  indicates statistical significance at the  $p{\le}0.01$  level, as well as at the  $p{\le}0.05$  level
- ^ indicates statistical significance at the  $p \le 0.001$  level, as well as at the  $p \le 0.01$  and  $p \le 0.05$  levels

**Saugus**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	SIR		Ехр	<u>Obs</u>	<u>SIR</u>
Bladder, Urinary				Melanoma of Skin	=		
Male	18.52	25	135	Male	11.09	9	81
Female	7.32	10	137	Female	8.57	9	105
Total	25.84	35	135	Total	19.66	18	92
Brain and Other Centi		=	10.1	Multiple Myeloma		_	4.15
Male	5.63	7	124	Male	3.46	5	145
Female	4.56	3	NC*	Female	3.21	3	NC*
Total	10.19	10	98	Total	6.67	8	120
Breast	4.47			Non-Hodgkin's Ly	•	4.0	105
Male	1.17	3	NC*	Male	14.03	19	135
Female	112.20	116	103	Female	13.15	15	114
Total	113.36	119	105	Total	27.18	34	125
Cervix Uteri				Oral Cavity and Ph	-	4.0	405
				Male	11.46	12	105
Female	6.39	10	157	Female	5.59	4	NC*
				Total	17.05	16	94
Colon / Rectum				<u>Ovary</u>			
Male	46.55	45	97				
Female	45.93	67	146 ~+	Female	13.05	11	84
Total	92.48	112	121				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	6.63	3	NC*	Male	7.24	15	207 #+
Female	2.37	1	NC*	Female	7.99	9	113
Total	9.00	4	NC*	Total	15.23	24	158 #+
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	2.49	1	NC*	Male	112.37	133	118
Female	2.06	4	NC*				
Total	4.55	5	110				
Kidney and Renal Pel				<u>Stomach</u>			
Male	10.47	15	143	Male	7.73	9	116
Female	6.70	6	90	Female	4.92	4	NC*
Total	17.17	21	122	Total	12.65	13	103
<u>Larynx</u>				<u>Testis</u>			
Male	6.06	4	NC*	Male	3.64	4	NC*
Female	1.67	2	NC*				
Total	7.72	6	78				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	7.65	13	170	Male	2.11	3	NC*
Female	6.10	7	115	Female	5.60	9	161
Total	13.75	20	145	Total	7.71	12	156
Liver and Intrahepation	<u> Bile Ducts</u>			Uteri, Corpus and	Uterus, NOS		
Male	3.87	5	129				
Female	1.68	1	NC*	Female	21.72	20	92
Total	5.54	6	108				
<b>Lung and Bronchus</b>				All Sites / Types			

Male	59.11	59	100	Male	365.80	423	116 ~+
Female	46.96	54	115	Female	353.65	383	108
Total	106.08	113	107	Total	719.45	806	112 ~+

**Obs** = observed case count

- \* = **SIR** and statistical significance not calculated when **Obs** < 5
- + indicates number of observed cases is statistically significantly higher than the expected number of cases
- indicates number of observed cases is statistically significantly lower than the expected number of cases
- # indicates statistical significance at the  $p \le 0.05$  level
- ~ indicates statistical significance at the  $p \le 0.01$  level, as well as at the  $p \le 0.05$  level
- ^ indicates statistical significance at the  $p \le 0.001$  level, as well as at the  $p \le 0.01$  and  $p \le 0.05$  levels

**Savoy**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Ехр</u>	<u>Obs</u>	<u>SIR</u>
Bladder, Urinary				Melanoma of Skin			
Male	0.43	2	NC*	Male	0.28	0	NC*
Female	0.12	0	NC*	Female	0.18	0	NC*
Total	0.55	2	NC*	Total	0.46	0	NC*
Brain and Other C	entral Nervous Sy	<u>ystem</u>		Multiple Myeloma			
Male	0.14	0	NC*	Male	0.08	0	NC*
Female	0.10	0	NC*	Female	0.06	1	NC*
Total	0.24	0	NC*	Total	0.14	1	NC*
<u>Breast</u>				Non-Hodgkin's Lyr	<u>nphoma</u>		
Male	0.03	0	NC*	Male	0.35	0	NC*
Female	2.32	1	NC*	Female	0.25	0	NC*
Total	2.35	1	NC*	Total	0.60	0	NC*
Cervix Uteri				Oral Cavity and Pharynx			
				Male	0.28	0	NC*
Female	0.15	0	NC*	Female	0.11	0	NC*
				Total	0.39	0	NC*
Colon / Rectum				<u>Ovary</u>			
Male	1.07	2	NC*				
Female	0.77	0	NC*	Female	0.27	0	NC*
Total	1.84	2	NC*				
<b>Esophagus</b>				<u>Pancreas</u>			
Male	0.16	0	NC*	Male	0.17	0	NC*
Female	0.04	0	NC*	Female	0.14	0	NC*
Total	0.19	0	NC*	Total	0.30	0	NC*
Hodgkin's Disease	<u>e</u>			<u>Prostate</u>			
Male	0.07	0	NC*	Male	2.49	2	NC*
Female	0.05	0	NC*				
Total	0.12	0	NC*				
Kidney and Renal	<u>Pelvis</u>			Stomach .			
Male	0.25	0	NC*	Male	0.18	0	NC*
Female	0.13	0	NC*	Female	0.08	0	NC*
Total	0.38	0	NC*	Total	0.27	0	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.14	0	NC*	Male	0.11	0	NC*

Female	0.03	0	NC*				
Total	0.18	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	0.19	0	NC*	Male	0.06	0	NC*
Female	0.12	1	NC*	Female	0.13	0	NC*
Total	0.31	1	NC*	Total	0.19	0	NC*
Liver and Intrahepa	tic Bile Ducts			Uteri, Corpus and	Uterus, NOS		
Male	0.09	1	NC*				
Female	0.03	0	NC*	Female	0.45	0	NC*
Total	0.12	1	NC*				
Lung and Bronchus	<u> </u>			All Sites / Types			
Male	1.34	1	NC*	Male	8.52	8	94
Female	0.90	0	NC*	Female	6.89	4	NC*
Total	2.24	1	NC*	Total	15.41	12	78

**Obs** = observed case count

- \* = **SIR** and statistical significance not calculated when **Obs** < 5
- + indicates number of observed cases is statistically significantly higher than the expected number of cases
- indicates number of observed cases is statistically significantly lower than the expected number of cases
- # indicates statistical significance at the  $p \le 0.05$  level
- $\sim$  indicates statistical significance at the p<0.01 level, as well as at the p<0.05 level

**Scituate**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
Bladder, Urinary	<del></del>			Melanoma of Ski	=		
Male	11.55	9	78	Male	7.10	14	197 #+
Female	4.47	5	112	Female	5.44	7	129
Total	16.02	14	87	Total	12.54	21	167 #+
Brain and Other C	entral Nervous	s System		Multiple Myeloma	<u>a</u>		
Male	3.66	3	NC*	Male	2.18	0	NC*
Female	2.92	3	NC*	Female	2.00	1	NC*
Total	6.57	6	91	Total	4.18	1	NC*
<u>Breast</u>				Non-Hodgkin's L	<u>ymphoma</u>		
Male	0.74	0	NC*	Male	8.92	8	90
Female	71.59	90	126 #+	Female	8.15	8	98
Total	72.33	90	124 #+	Total	17.07	16	94
Cervix Uteri				Oral Cavity and F	<u>Pharynx</u>		
				Male	7.52	12	160
Female	4.09	4	NC*	Female	3.53	7	198
				Total	11.05	19	172 #+
Colon / Rectum				<u>Ovary</u>			
Male	29.14	27	93				
Female	27.93	21	75	Female	8.35	10	120
Total	57.07	48	84				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	4.29	1	NC*	Male	4.62	6	130
Female	1.44	1	NC*	Female	4.89	8	164

<sup>^</sup> indicates statistical significance at the  $p \le 0.001$  level, as well as at the  $p \le 0.01$  and  $p \le 0.05$  levels

Total	5.74	2	NC*	Total	9.51	14	147
Hodgkin's Disease				<u>Prostate</u>			
Male	1.58	0	NC*	Male	72.23	85	118
Female	1.31	0	NC*				
Total	2.88	0	NC*				
Kidney and Renal P	<u>Pelvis</u>			<b>Stomach</b>			
Male	6.76	9	133	Male	4.85	2	NC*
Female	4.22	2	NC*	Female	2.99	2	NC*
Total	10.98	11	100	Total	7.85	4	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	3.96	3	NC*	Male	2.23	1	NC*
Female	1.07	1	NC*				
Total	5.04	4	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	4.88	5	102	Male	1.37	1	NC*
Female	3.87	6	155	Female	3.58	7	196
Total	8.75	11	126	Total	4.95	8	162
Liver and Intrahepa	<u>itic Bile Ducts</u>			Uteri, Corpus and	Uterus, NOS		
Male	2.50	3	NC*				
Female	1.04	1	NC*	Female	13.91	18	129
Total	3.54	4	NC*				
Lung and Bronchu	<u>s</u>			All Sites / Types			
Male	37.68	44	117	Male	233.14	247	106
Female	29.43	35	119	Female	222.23	247	111
Total	67.11	79	118	Total	455.38	494	108

**Obs** = observed case count

- \* = **SIR** and statistical significance not calculated when **Obs** < 5
- + indicates number of observed cases is statistically significantly higher than the expected number of cases
- indicates number of observed cases is statistically significantly lower than the expected number of cases
- # indicates statistical significance at the  $p \le 0.05$  level
- $\sim$  indicates statistical significance at the  $p \le 0.01$  level, as well as at the  $p \le 0.05$  level
- ^ indicates statistical significance at the  $p \le 0.001$  level, as well as at the  $p \le 0.01$  and  $p \le 0.05$  levels

Seekonk
Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Ex</u> p	<u>Obs</u>	<u>SIR</u>
Bladder, Urinary				Melanoma of Skin			
Male	9.74	11	113	Male	6.10	5	82
Female	3.40	1	NC*	Female	4.42	3	NC*
Total	13.14	12	91	Total	10.52	8	76
Brain and Other Cer	ntral Nervous S	<u>ystem</u>		Multiple Myeloma			
Male	3.14	4	NC*	Male	1.84	1	NC*
Female	2.36	1	NC*	Female	1.56	3	NC*
Total	5.50	5	91	Total	3.41	4	NC*
<u>Breast</u>				Non-Hodgkin's Ly	<u>mphoma</u>		
Male	0.63	2	NC*	Male	7.64	5	65
Female	57.74	47	81	Female	6.40	4	NC*
Total	58.37	49	84	Total	14.04	9	64

Cervix Uteri				Oral Cavity and Pl	<u>harynx</u>		
				Male	6.46	9	139
Female	3.41	0	NC*	Female	2.80	0	NC*
				Total	9.25	9	97
Colon / Rectum				<u>Ovary</u>			
Male	24.56	22	90				
Female	21.25	29	136	Female	6.76	7	104
Total	45.82	51	111				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	3.65	1	NC*	Male	3.92	1	NC*
Female	1.09	3	NC*	Female	3.71	1	NC*
Total	4.74	4	NC*	Total	7.63	2	NC*
Hodgkin's Diseas	<u>e</u>			<b>Prostate</b>			
Male	1.39	0	NC*	Male	60.84	40	66 ~-
Female	1.09	0	NC*				
Total	2.47	0	NC*				
Kidney and Renal	<u>Pelvis</u>			<b>Stomach</b>			
Male	5.75	4	NC*	Male	4.12	6	146
Female	3.33	2	NC*	Female	2.27	0	NC*
Total	9.08	6	66	Total	6.39	6	94
<u>Larynx</u>				<u>Testis</u>			
Male	3.38	1	NC*	Male	1.99	3	NC*
Female	0.86	1	NC*				
Total	4.24	2	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	4.16	7	168	Male	1.20	0	NC*
Female	3.04	2	NC*	Female	3.01	3	NC*
Total	7.20	9	125	Total	4.21	3	NC*
Liver and Intrahe	patic Bile Ducts			Uteri, Corpus and	Uterus, NOS		
Male	2.13	0	NC*				
Female	0.80	1	NC*	Female	11.20	6	54
Total	2.93	1	NC*				
Lung and Bronch	ius			All Sites / Types			
Male	31.77	15	47 ~-	Male	197.50	151	76 ^-
Female	23.23	20	86	Female	176.12	144	82 #-
Total	55.00	35	64 ~-	Total	373.62	295	79 ^-

**Obs** = observed case count

SIR = standardized incidence ratio [ Obs / Exp ) X 100 ]

- \* = **SIR** and statistical significance not calculated when **Obs** < 5
- + indicates number of observed cases is statistically significantly higher than the expected number of cases
- indicates number of observed cases is statistically significantly lower than the expected number of cases
- # indicates statistical significance at the  $p \le 0.05$  level
- $\sim$  indicates statistical significance at the  $p{\le}0.01$  level, as well as at the  $p{\le}0.05$  level
- ^ indicates statistical significance at the  $p \le 0.001$  level, as well as at the  $p \le 0.01$  and  $p \le 0.05$  levels

## Sharon

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Ехр</u>	<u>Obs</u>	<u>SIR</u>
Bladder, Urinary				Melanoma of Skin			

Male	10.41	11	106	Male	6.80	6	88
Female	3.58	2	NC*	Female	4.87	9	185
Total	14.00	13	93	Total	11.66	15	129
Brain and Other Cer	ntral Nervous Sy	<u>/stem</u>		Multiple Myeloma			
Male	3.54	2	NC*	Male	2.02	4	NC*
Female	2.58	7	271 #+	Female	1.67	1	NC*
Total	6.12	9	147	Total	3.69	5	136
<u>Breast</u>				Non-Hodgkin's Ly	<u>ymphoma</u>		
Male	0.69	0	NC*	Male	8.41	16	190 #+
Female	63.87	78	122	Female	6.80	8	118
Total	64.55	78	121	Total	15.21	24	158 #+
Cervix Uteri				Oral Cavity and P	<u>harynx</u>		
				Male	7.35	6	82
Female	3.78	3	NC*	Female	3.06	1	NC*
				Total	10.41	7	67
Colon / Rectum				<u>Ovary</u>			
Male	26.21	20	76				
Female	22.22	18	81	Female	7.49	7	93
Total	48.43	38	78				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	4.05	6	148	Male	4.26	4	NC*
Female	1.14	2	NC*	Female	3.91	4	NC*
Total	5.18	8	154	Total	8.17	8	98
Hodgkin's Disease				<u>Prostate</u>			
Male	1.52	2	NC*	Male	65.68	66	100
Female	1.18	1	NC*				
Total	2.70	3	NC*				
Kidney and Renal P	<u>'elvis</u>			Stomach Stomach			
Male	6.45	9	140	Male	4.45	2	NC*
Female	3.60	5	139	Female	2.39	5	209
Total	10.05	14	139	Total	6.84	7	102
<u>Larynx</u>				<u>Testis</u>			
Male	3.80	3	NC*	Male	2.11	1	NC*
Female	0.95	0	NC*				
Total	4.75	3	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	4.61	9	195	Male	1.35	6	443 ~+
Female	3.36	1	NC*	Female	3.32	11	331 ~+
Total	7.97	10	125	Total	4.68	17	364 ^+
Liver and Intrahepa				Uteri, Corpus and	<u>l Uterus, NOS</u>		
Male	2.36	1	NC*				
Female	0.84	1	NC*	Female	12.40	12	97
Total	3.21	2	NC*				
Lung and Bronchus		_		All Sites / Types			_
Male	34.41	22	64 #-	Male	214.72	207	96
Female	24.76	16	65	Female	191.05	203	106
Total	59.17	38	64 ~-	Total	405.77	410	101

**Obs** = observed case count

<sup>\* =</sup> SIR and statistical significance not calculated when **Obs** < 5

- + indicates number of observed cases is statistically significantly higher than the expected number of cases
- indicates number of observed cases is statistically significantly lower than the expected number of cases
- # indicates statistical significance at the p≤0.05 level
- $\sim$  indicates statistical significance at the  $p \le 0.01$  level, as well as at the  $p \le 0.05$  level

**Sheffield**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
Bladder, Urinary				Melanoma of Skin			
Male	2.43	1	NC*	Male	1.46	1	NC*
Female	0.82	0	NC*	Female	1.01	0	NC*
Total	3.25	1	NC*	Total	2.47	1	NC*
<b>Brain and Other Cer</b>	ntral Nervous S	<u>ystem</u>		Multiple Myeloma			
Male	0.74	0	NC*	Male	0.45	1	NC*
Female	0.54	0	NC*	Female	0.37	0	NC*
Total	1.28	0	NC*	Total	0.82	1	NC*
<u>Breast</u>				Non-Hodgkin's Ly	mphoma		
Male	0.15	0	NC*	Male	1.85	2	NC*
Female	13.12	10	76	Female	1.50	0	NC*
Total	13.28	10	75	Total	3.35	2	NC*
Cervix Uteri				Oral Cavity and Ph	<u>narynx</u>		
				Male	1.54	2	NC*
Female	0.76	0	NC*	Female	0.65	0	NC*
				Total	2.18	2	NC*
Colon / Rectum				<u>Ovary</u>			
Male	6.09	3	NC*				
Female	5.14	6	117	Female	1.54	1	NC*
Total	11.22	9	80				
<b>Esophagus</b>				<u>Pancreas</u>			
Male	0.88	0	NC*	Male	0.96	0	NC*
Female	0.27	0	NC*	Female	0.90	0	NC*
Total	1.15	0	NC*	Total	1.86	0	NC*
Hodgkin's Disease				<b>Prostate</b>			
Male	0.32	0	NC*	Male	14.70	11	75
Female	0.25	0	NC*				
Total	0.57	0	NC*				
Kidney and Renal P	<u>elvis</u>			<b>Stomach</b>			
Male	1.38	1	NC*	Male	1.02	1	NC*
Female	0.77	1	NC*	Female	0.55	1	NC*
Total	2.16	2	NC*	Total	1.57	2	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.81	0	NC*	Male	0.45	0	NC*
Female	0.20	0	NC*				
Total	1.00	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	1.01	0	NC*	Male	0.28	0	NC*
Female	0.72	0	NC*	Female	0.67	1	NC*
Total	1.73	0	NC*	Total	0.95	1	NC*
Liver and Intrahepa	tic Bile Ducts			Uteri, Corpus and	Uterus, NOS		
Male	0.51	0	NC*				

<sup>^</sup> indicates statistical significance at the  $p \le 0.001$  level, as well as at the  $p \le 0.01$  and  $p \le 0.05$  levels

Female	0.19	0	NC*	Female	2.54	3	NC*
Total	0.70	0	NC*				
<b>Lung and Bronchus</b>				All Sites / Types			
Male	7.72	7	91	Male	47.96	32	67 #-
Female	5.38	3	NC*	Female	40.84	27	66 #-
Total	13.11	10	76	Total	88.80	59	66 ~-

**Obs** = observed case count

- \* = SIR and statistical significance not calculated when Obs < 5
- + indicates number of observed cases is statistically significantly higher than the expected number of cases
- indicates number of observed cases is statistically significantly lower than the expected number of cases
- # indicates statistical significance at the  $p \le 0.05$  level
- $\sim$  indicates statistical significance at the **p** $\leq$ 0.01 level, as well as at the **p** $\leq$ 0.05 level
- ^ indicates statistical significance at the  $p \le 0.001$  level, as well as at the  $p \le 0.01$  and  $p \le 0.05$  levels

**Shelburne**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
Bladder, Urinary				Melanoma of Skin			
Male	1.35	1	NC*	Male	0.89	1	NC*
Female	0.70	1	NC*	Female	0.78	1	NC*
Total	2.05	2	NC*	Total	1.66	2	NC*
Brain and Other Cer		<u>ystem</u>		Multiple Myeloma			
Male	0.46	1	NC*	Male	0.26	0	NC*
Female	0.40	0	NC*	Female	0.29	1	NC*
Total	0.86	1	NC*	Total	0.56	1	NC*
<u>Breast</u>				Non-Hodgkin's Lyr	-		
Male	0.09	0	NC*	Male	1.10	0	NC*
Female	10.01	10	100	Female	1.20	1	NC*
Total	10.10	10	99	Total	2.29	1	NC*
Cervix Uteri				Oral Cavity and Pha	<u>arynx</u>		
				Male	0.94	1	NC*
Female	0.56	0	NC*	Female	0.51	0	NC*
				Total	1.45	1	NC*
Colon / Rectum				<u>Ovary</u>			
Male	3.40	2	NC*				
Female	4.39	3	NC*	Female	1.16	0	NC*
Total	7.79	5	64				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.51	0	NC*	Male	0.55	1	NC*
Female	0.23	0	NC*	Female	0.75	0	NC*
Total	0.74	0	NC*	Total	1.30	1	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.21	0	NC*	Male	8.35	5	60
Female	0.18	0	NC*				
Total	0.39	0	NC*				
Kidney and Renal P				<u>Stomach</u>			
Male	0.83	0	NC*	Male	0.58	0	NC*
Female	0.59	0	NC*	Female	0.48	1	NC*

Total	1.42	0	NC*	Total	1.06	1	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.48	2	NC*	Male	0.30	0	NC*
Female	0.14	0	NC*				
Total	0.62	2	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	0.60	1	NC*	Male	0.18	0	NC*
Female	0.58	0	NC*	Female	0.49	0	NC*
Total	1.17	1	NC*	Total	0.67	0	NC*
Liver and Intrahepati	ic Bile Ducts			Uteri, Corpus and	<u>Uterus, NOS</u>		
Male	0.30	0	NC*				
Female	0.15	0	NC*	Female	1.91	4	NC*
Total	0.46	0	NC*				
<b>Lung and Bronchus</b>				All Sites / Types			
Male	4.42	2	NC*	Male	27.66	20	72
Female	4.05	6	148	Female	32.04	33	103

**Obs** = observed case count

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- + indicates number of observed cases is statistically significantly higher than the expected number of cases
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- # indicates statistical significance at the  $p \le 0.05$  level
- $\sim$  indicates statistical significance at the p<0.01 level, as well as at the p<0.05 level

**Sherborn**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
Bladder, Urinary				Melanoma of S	<u>kin</u>		
Male	2.73	2	NC*	Male	1.83	1	NC*
Female	0.89	2	NC*	Female	1.30	1	NC*
Total	3.63	4	NC*	Total	3.13	2	NC*
Brain and Other O	Central Nervou	<u>ıs System</u>		<u>Multiple Myelor</u>	<u>na</u>		
Male	0.94	1	NC*	Male	0.54	2	NC*
Female	0.69	2	NC*	Female	0.44	0	NC*
Total	1.63	3	NC*	Total	0.98	2	NC*
<u>Breast</u>				Non-Hodgkin's	<u>Lymphoma</u>		
Male	0.18	0	NC*	Male	2.23	2	NC*
Female	17.28	28	162 #+	Female	1.76	0	NC*
Total	17.47	28	160 #+	Total	3.99	2	NC*
Cervix Uteri				Oral Cavity and	<u>l Pharynx</u>		
				Male	2.02	1	NC*
Female	1.02	0	NC*	Female	0.81	0	NC*
				Total	2.83	1	NC*
Colon / Rectum				<u>Ovary</u>			
Male	6.91	13	188 #+				
Female	5.52	9	163	Female	2.03	2	NC*
Total	12.43	22	177 #+				

<sup>^</sup> indicates statistical significance at the  $p \le 0.001$  level, as well as at the  $p \le 0.01$  and  $p \le 0.05$  levels

<u>Esophagus</u>				<u>Pancreas</u>				
Male	1.10	1	NC*	Male	1.14	2	NC*	
Female	0.28	0	NC*	Female	0.98	1	NC*	
Total	1.38	1	NC*	Total	2.12	3	NC*	
Hodgkin's Disease				<b>Prostate</b>				
Male	0.39	0	NC*	Male	17.74	20	113	
Female	0.30	0	NC*					
Total	0.69	0	NC*					
Kidney and Renal F	<u>Pelvis</u>			Stomach .				
Male	1.75	3	NC*	Male	1.17	2	NC*	
Female	0.95	1	NC*	Female	0.59	1	NC*	
Total	2.70	4	NC*	Total	1.76	3	NC*	
<u>Larynx</u>				<u>Testis</u>				
Male	1.04	2	NC*	Male	0.54	2	NC*	
Female	0.26	0	NC*					
Total	1.30	2	NC*					
<u>Leukemia</u>				<u>Thyroid</u>				
Male	1.20	2	NC*	Male	0.37	1	NC*	
Female	0.86	2	NC*	Female	0.89	1	NC*	
Total	2.07	4	NC*	Total	1.26	2	NC*	
Liver and Intrahepa	tic Bile Ducts			Uteri, Corpus and Uterus, NOS				
Male	0.64	0	NC*					
Female	0.21	1	NC*	Female	3.38	5	148	
Total	0.85	1	NC*					
Lung and Bronchu	<u>s</u>			All Sites / Types				
Male	9.24	3	NC*	Male	57.44	61	106	
Female	6.60	10	152	Female	50.41	67	133 #+	
Total	15.84	13	82	Total	107.85	128	119	

**Obs** = observed case count

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- # indicates statistical significance at the  $p \le 0.05$  level
- ~ indicates statistical significance at the  $p \le 0.01$  level, as well as at the  $p \le 0.05$  level
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**Shirley**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	SIR		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>	
Bladder, Urinary				Melanoma of Skin				
Male	3.35	11	329 ~+	Male	2.58	1	NC*	
Female	1.10	3	NC*	Female	1.77	0	NC*	
Total	4.44	14	315 ^+	Total	4.36	1	NC*	
Brain and Other Central Nervous System				Multiple Myeloma				
Male	1.42	0	NC*	Male	0.66	0	NC*	
Female	0.95	1	NC*	Female	0.52	0	NC*	
Total	2.37	1	NC*	Total	1.18	0	NC*	
Breast		Non-Hodgkin's Lymphoma						

Male	0.23	0	NC*	Male	3.23	3	NC*
Female	21.31	14	66	Female	2.28	6	263
Total	21.54	14	65	Total	5.52	9	163
Cervix Uteri	21.54	14	03	Oral Cavity and Ph		7	103
CEIVIX OLEII				Male	2.66	1	NC*
Female	1.51	0	NC*	Female	0.99	1	NC*
i emaie	1.51	U	NO	Total	3.65	2	NC*
Colon / Rectum				<u>Ovary</u>	3.03	۷	IVC
Male	8.55	12	140	<u>Ovary</u>			
Female	6.80	8	118	Female	2.58	2	NC*
Total	15.35	20	130	Temale	2.00	2	110
<u>Esophagus</u>	10.00	20	100	<u>Pancreas</u>			
Male	1.36	1	NC*	Male	1.42	0	NC*
Female	0.35	1	NC*	Female	1.21	0	NC*
Total	1.71	2	NC*	Total	2.63	0	NC*
Hodgkin's Disease				<u>Prostate</u>			
Male	0.83	2	NC*	Male	21.52	21	98
Female	0.54	1	NC*				
Total	1.37	3	NC*				
Kidney and Renal F	<u>Pelvis</u>			<u>Stomach</u>			
Male	2.26	4	NC*	Male	1.48	4	NC*
Female	1.18	2	NC*	Female	0.73	1	NC*
Total	3.45	6	174	Total	2.21	5	226
<u>Larynx</u>				<u>Testis</u>			
Male	1.31	2	NC*	Male	1.39	1	NC*
Female	0.31	1	NC*				
Total	1.62	3	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	1.69	1	NC*	Male	0.63	1	NC*
Female	1.15	1	NC*	Female	1.42	2	NC*
Total	2.85	2	NC*	Total	2.05	3	NC*
Liver and Intrahepa	atic Bile Ducts			Uteri, Corpus and	Uterus, NOS		
Male	0.83	1	NC*				
Female	0.27	0	NC*	Female	4.01	8	199
Total	1.10	1	NC*				
Lung and Bronchu				All Sites / Types			
Male	11.41	11	96	Male	74.00	81	109
Female	8.01	6	75	Female	63.27	66	104
Total	19.42	17	88	Total	137.27	147	107

**Obs** = observed case count

SIR = standardized incidence ratio [ Obs / Exp ) X 100 ]

- $^{\star}$  = SIR and statistical significance not calculated when Obs < 5
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- indicates number of observed cases is statistically significantly lower than the expected number of cases
- # indicates statistical significance at the **p**≤0.05 level
- $\sim$  indicates statistical significance at the  $p{\le}0.01$  level, as well as at the  $p{\le}0.05$  level
- ^ indicates statistical significance at the  $p \le 0.001$  level, as well as at the  $p \le 0.01$  and  $p \le 0.05$  levels

## **Shrewsbury**

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	SIR
Bladder, Urinary				Melanoma of Skin	<u>l</u>		
Male	17.61	20	114	Male	11.18	11	98
Female	6.53	4	NC*	Female	8.40	4	NC*
Total	24.15	24	99	Total	19.58	15	77
Brain and Other Ce		-		<u>Multiple Myeloma</u>			
Male	5.84	3	NC*	Male	3.34	3	NC*
Female	4.49	6	134	Female	2.95	5	169
Total	10.33	9	87	Total	6.29	8	127
<u>Breast</u>				Non-Hodgkin's Ly	•		
Male	1.13	2	NC*	Male	14.11	21	149
Female	107.84	93	86	Female	12.23	8	65
Total	108.97	95	87	Total	26.34	29	110
Cervix Uteri				Oral Cavity and Pl	<u>narynx</u>		
				Male	11.58	8	69
Female	6.52	2	NC*	Female	5.26	5	95
				Total	16.84	13	77
Colon / Rectum				<u>Ovary</u>			
Male	44.38	44	99				
Female	40.92	41	100	Female	12.68	14	110
Total	85.31	85	100				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	6.50	6	92	Male	7.01	11	157
Female	2.10	3	NC*	Female	7.14	8	112
Total	8.59	9	105	Total	14.15	19	134
Hodgkin's Disease				<u>Prostate</u>			
Male	2.77	5	181	Male	108.05	111	103
Female	2.16	2	NC*				
Total	4.93	7	142				
Kidney and Renal P	<u>'elvis</u>			<b>Stomach</b>			
Male	10.40	16	154	Male	7.44	6	81
Female	6.29	8	127	Female	4.38	2	NC*
Total	16.68	24	144	Total	11.83	8	68
<u>Larynx</u>				<u>Testis</u>			
Male	6.01	8	133	Male	4.19	8	191
Female	1.59	1	NC*				
Total	7.60	9	118				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	7.69	5	65	Male	2.27	3	NC*
Female	5.83	4	NC*	Female	5.83	9	154
Total	13.52	9	67	Total	8.10	12	148
Liver and Intrahepa	tic Bile Ducts			Uteri, Corpus and	Uterus, NOS		
Male	3.83	2	NC*	·			
Female	1.52	2	NC*	Female	20.77	24	116
Total	5.35	4	NC*				
Lung and Bronchu				All Sites / Types			
Male	<del>-</del> 56.99	51	89	Male	356.47	367	103
Female	43.68	41	94	Female	332.89	312	94
Total	100.67	92	91	Total	689.36	679	98

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- $\sim$  indicates statistical significance at the p<0.01 level, as well as at the p<0.05 level
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**Shutesbury**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>	
Bladder, Urinary				Melanoma of Skin				
Male	0.93	0	NC*	Male	0.70	0	NC*	
Female	0.30	0	NC*	Female	0.54	0	NC*	
Total	1.22	0	NC*	Total	1.24	0	NC*	
Brain and Other Cen	<u>ıtral Nervous S</u>	<u>ystem</u>		Multiple Myeloma				
Male	0.38	0	NC*	Male	0.19	0	NC*	
Female	0.27	0	NC*	Female	0.15	0	NC*	
Total	0.66	0	NC*	Total	0.34	0	NC*	
<u>Breast</u>				Non-Hodgkin's Lyr	<u>nphoma</u>			
Male	0.06	0	NC*	Male	0.86	0	NC*	
Female	6.44	2	NC*	Female	0.64	0	NC*	
Total	6.50	2	NC*	Total	1.50	0	NC*	
Cervix Uteri				Oral Cavity and Pharynx				
				Male	0.76	0	NC*	
Female	0.47	0	NC*	Female	0.29	0	NC*	
				Total	1.05	0	NC*	
Colon / Rectum				<u>Ovary</u>				
Male	2.33	3	NC*					
Female	1.84	0	NC*	Female	0.78	1	NC*	
Total	4.17	3	NC*					
<u>Esophagus</u>				<u>Pancreas</u>				
Male	0.39	0	NC*	Male	0.40	0	NC*	
Female	0.09	0	NC*	Female	0.32	0	NC*	
Total	0.48	0	NC*	Total	0.71	0	NC*	
Hodgkin's Disease				<u>Prostate</u>				
Male	0.19	0	NC*	Male	5.88	4	NC*	
Female	0.16	0	NC*					
Total	0.35	0	NC*					
Kidney and Renal Po	<u>elvis</u>			<b>Stomach</b>				
Male	0.64	0	NC*	Male	0.41	1	NC*	
Female	0.33	0	NC*	Female	0.20	1	NC*	
Total	0.97	0	NC*	Total	0.61	2	NC*	
<u>Larynx</u>				<u>Testis</u>				
Male	0.37	0	NC*	Male	0.29	0	NC*	
Female	0.09	0	NC*					
Total	0.46	0	NC*					
<u>Leukemia</u>				<u>Thyroid</u>				
Male	0.47	0	NC*	Male	0.16	0	NC*	
Female	0.33	0	NC*	Female	0.44	0	NC*	

Total	0.80	0	NC*	Total	0.60	0	NC*	
Liver and Intrahe	epatic Bile Ducts			Uteri, Corpus and Uterus, NOS				
Male	0.23	0	NC*					
Female	0.07	0	NC*	Female	1.21	0	NC*	
Total	0.30	0	NC*					
Lung and Bronc	<u>hus</u>			All Sites / Types				
Male	3.13	0	NC*	Male	20.16	8	40 ~-	
Female	2.22	0	NC*	Female	18.39	4	NC*	
Total	5.35	0	NC*	Total	38.55	12	31 ^-	

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- ^ indicates statistical significance at the  $p \le 0.001$  level, as well as at the  $p \le 0.01$  and  $p \le 0.05$  levels